UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO. : 6,853,393 B2 DATED

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INVENTOR(S) : Masanori Akita

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 26, "refer" should read -- referred --.

Column 2,

Line 37, "in" should be deleted.

Line 50, "device" should read -- device, which --.

Line 66, "invention," should read -- invention is to provide --.

Line 67, "apparatus" should read -- apparatus, which --.

Column 5,

Line 4, "sets" should read -- set --.

Line 63, "operation is" should read -- operations are --.

Column 7,

Line 36, "to a problem that" should read -- for a problem wherein, --.

Line 38, "is deteriorated," should read -- deteriorates --.

Signed and Sealed this

Thirty-first Day of May, 2005

JON W. DUDAS Director of the United States Patent and Trademark Office